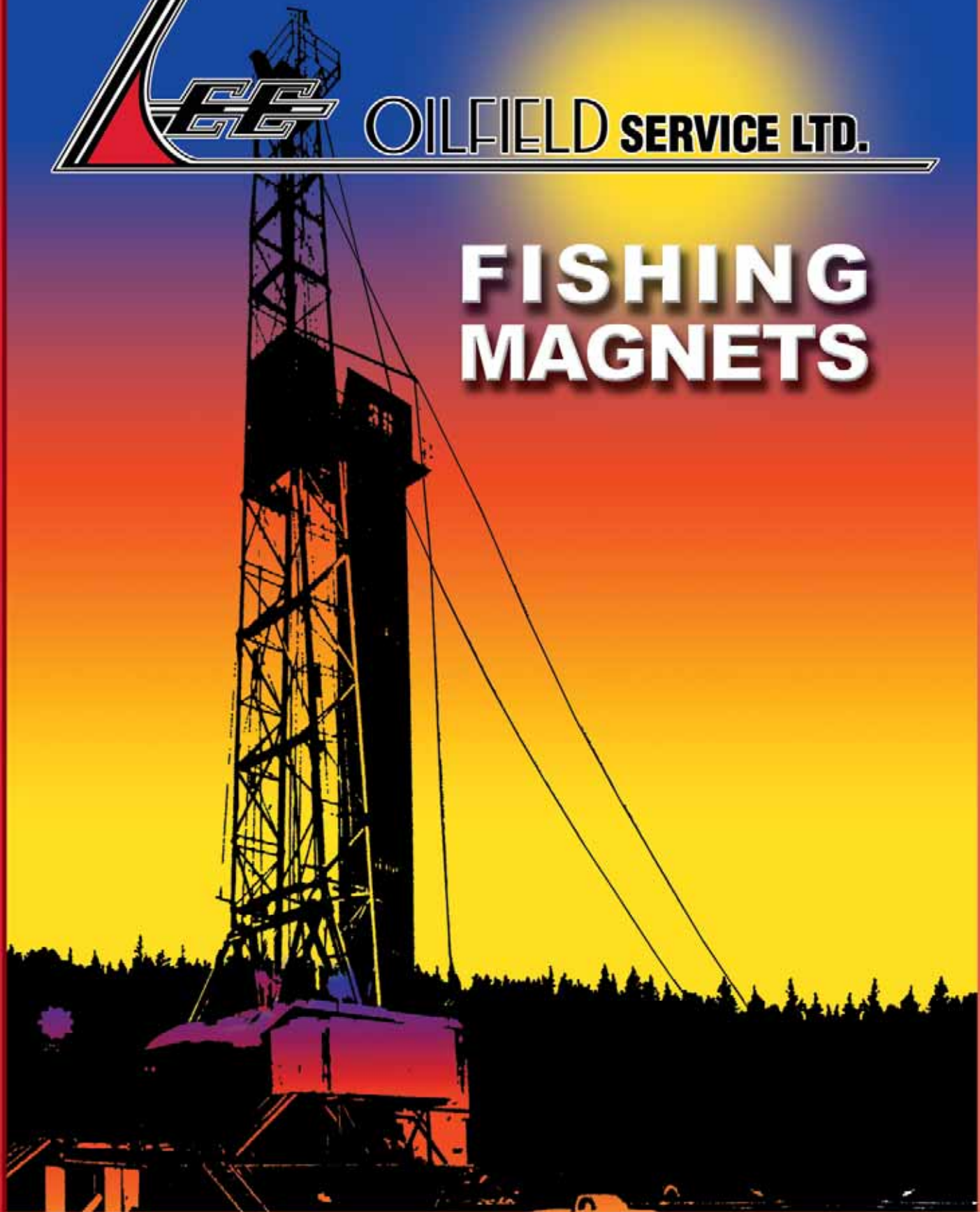




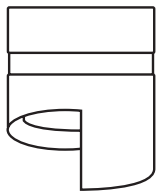
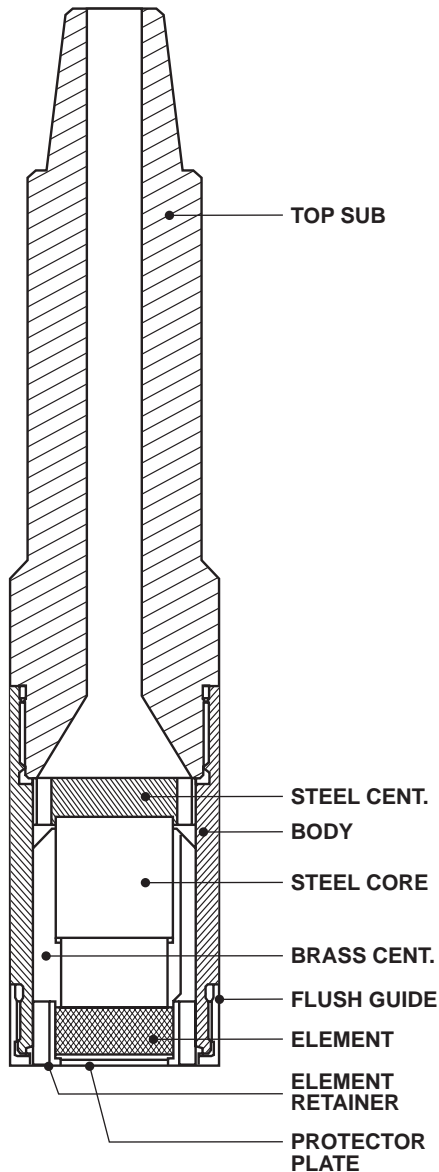
AEE OILFIELD SERVICE LTD.

FISHING MAGNETS





OILFIELD SERVICE LTD.



LIPPED GUIDE



MILL GUIDE

The Lee Oilfield magnet is designed to retrieve small particles of oddly shaped pieces of metal from the bottom of a well bore which are uncatchable by means of internal or external catch tools. Magnets are usually run on drill pipe or tubing and can be run on wireline on the smaller sizes. The Lee Oilfield magnets are designed in a way that uses a type of permanent magnet which does not lose its strength over time and never requires recharging. The magnets are totally serviceable and can be completely disassembled and the circulating channels cleaned properly after each usage, (no machining or welding required)

GUIDES

A flush guide is standard. Lipped guides centralize the fish to assure contact with the magnet. The mill guide enables milling of any soft formation or settling of free debris at the bottom of the hole.

OPERATION

After selecting the guide which best suits the shape of fish to be retrieved and the type of fill at the bottom of the well bore, the magnet is screwed to the bottom of the Fishing string and lowered down the well. When you are nearing bottom it may be necessary to begin to circulate and slowly lower your string to clean any debris that may have settled on top of the fish. Slowly lower the fishing string to contact the fish at which time circulation should be stopped and retrieve the magnet.

Magnets are not designed to be rotated with but occasionally it may be helpful to free a stuck object at the bottom of the well bore. Be extremely careful when rotating because you can damage the face of the magnet.

Service

Place magnet in vise and break and unscrew the top sub from the body. Break and unscrew the guide. Insert two pins at 180 degrees into the circulating ports of the brass element retain and use a bar across the pins to break and unscrew the retainer. Remove all inner parts out of the body. Clean and inspect all parts. Reverse procedure for assembly.

BODY OD	3"	3-1/4"	3-1/2"	4"	4-1/2"	5"
BODY JT.	2000 ft.lb.	2200 ft.lb.	2500 ft.lb.	3000 ft.lb.	3500 ft.lb.	4000 ft.lb.
TORQUE	2700 NM	3000 NM	3400 NM	4000 NM	4700 NM	5400 NM
BODY OD	5-1/2"	5-3/4"	6"	7"	8"	9"
BODY JT.	4500 ft.lb.	5000 ft.lb.	5500 ft.lb.	6500 ft.lb.	9000 ft.lb.	10000 ft.lb.
TORQUE	6100 NM	6800 NM	7500 NM	8800 NM	12200 NM	13500 NM
BODY OD	10"	10-1/2"	11-1/2"			
BODY JT.	11000 ft.lb.	12000 ft.lb.	15000 ft.lb.			
TORQUE	14900 NM	16200 NM	20000 NM			

FISHING MAGNETS

Our Service is your Guarantee...

BODY O. D.	3"	3-1/4"	3-1/2"	4"	4-1/2"	5"	5-1/2"	5-3/4"
HOLE SIZE	3-1/4 to 4-1/8	4 to 4-1/4	4-1/4 to 4-1/2	4-1/2 to 5	5-1/8 to 5-1/2	5-5/8 to 6	6-1/8 to 6-1/2	6-1/8 to 6-1/2
CONN.	2-3/8 Tub	2-3/8 Tub	2-3/8 Reg	2-3/8 Reg	2-7/8 Reg	2-7/8 Reg	3-1/2 Reg	3-1/2 Reg
APPROX PULL	105 to 120	140 to 200	160 to 210	200 to 300	350 to 450	400 to 500	500 to 600	500 to 600
COMPLETE ASSY	M300	M325	M350	M400	M450	M500	M550	575
TOP SUB	300-1	325-1	350-1	400-1	450-1	500-1	550-1	575-1
BODY	300-2	325-2	350-2	400-2	450-2	500-2	550-2	575-2
BRASS CENTRALIZER	300-3	325-3	350-3	400-3	450-3	500-3	550-3	575-3
STEEL CENTRALIZER	300-4	325-4	350-4	400-4	450-4	500-4	550-4	575-4
STEEL CORE	300-5	325-5	350-5	400-5	450-5	500-5	550-5	575-5
PROTECTOR PLATE	300-6	325-6	350-6	400-6	450-6	500-6	550-6	575-6
ELEMENT RETAINER	300-7	325-7	350-7	400-7	450-7	500-7	550-7	575-7
ELEMENT	300-8	325-8	350-8	400-8	450-8	500-8	550-8	575-8
FLUSH GUIDE	300-9	325-9	350-9	400-9	450-9	500-9	550-9	575-9
MILL GUIDE	300-10	325-10	350-10	400-10	450-10	500-10	550-10	575-10
CUT LIP GUIDE	300-11	325-11	350-11	400-11	450-11	500-11	550-11	575-11

BODY O. D.	6"	7"	8"	9"	10"	10-1/2"	11-1/2"
HOLE SIZE	6-5/8 to 7-1/2	7-5/8 to 8-1/2	8-5/8 to 9-3/4	9-7/8 to 11-5/8	10-1/2 to 11-7/8	11-3/4 to 13	12-1/4 to 13
CONN.	3-1/2 Reg	4-1/2 Reg	4-1/2 Reg	4-1/2 Reg	6-5/8 Reg	6-5/8 Reg	6-5/8 Reg
APPROX PULL	600 to 650	650 to 750	700 to 850	800 to 950	1000 to 1250	1125 to 1250	2000 to 2250
COMPLETE ASSY	600	700	800	900	1000	1050	1150
TOP SUB	600-1	700-1	800-1	900-1	1000-1	1050-1	1150-1
BODY	600-2	700-2	800-2	900-2	1000-2	1050-2	1150-2
BRASS CENTRALIZER	600-3	700-3	800-3	900-3	1000-3	1050-3	1150-3
STEEL CENTRALIZER	600-4	700-4	800-4	900-4	1000-4	1050-4	1150-4
STEEL CORE	600-5	700-5	800-5	900-5	1000-5	1050-5	1150-5
PROTECTOR PLATE	600-6	700-6	800-6	900-6	1000-6	1050-6	1150-6
ELEMENT RETAINER	600-7	700-7	800-7	900-7	1000-7	1050-7	1150-7
ELEMENT	600-8	700-8	800-8	900-8	1000-8	1050-8	1150-8
FLUSH GUIDE	600-9	700-9	800-9	900-9	1000-9	1050-9	1150-9
MILL GUIDE	600-10	700-10	800-10	900-10	1000-10	1050-10	1150-10
CUT LIP GUIDE	600-11	700-11	800-11	900-11	1000-11	1050-11	1150-11
DAMPNER	-	-	-	900-12	1000-12	1050-12	1150-12

- Other sizes available upon request
- Recommended spares:
1 - Cutlip Guide, 1- Mill Guide

- Lift Nubbins recommended especially for the larger sizes
- Complete assembly comes with Flush Guide only



Manufacturers and Distributors of Hydraulic Jars, Fishing Bumper Jars and Compounders
Fishing Equipment

Our Service is your Guarantee...

MANUFACTURED in Canada by Canadian craftsmen

- Machined to close tolerances
- Quality control - dimensional checks, hardness checks
- High quality material

SERVICED & TESTED by qualified personnel

- All parts inspected after cleaning
- Parts in question are non-destructively tested with magnetic particle and/or ultrasonic techniques
- Worn or damaged parts replaced with new parts



4604 Eleniak Road, Edmonton, Alberta, Canada T6B 2S1

Phone: (780) 440 - 6705 • Fax: (780) 463 - 5570

Web: www.leeoil.ca • e-mail: info@leeoil.ca